

**FRESNO, CALIFORNIA  
CLASS SPECIFICATION**

**PLUMBER**

**FLSA STATUS:**

Non-Exempt

**CLASS SUMMARY:**

The Plumber is a stand-alone classification in the Trades series. Incumbents are responsible for performing skilled work in the installation, maintenance and repair of a variety of plumbing systems and related fixtures at various City owned facilities.

The Plumber is distinguished from other classifications by its responsibility for performing journey level installation and repair of residential and commercial plumbing structures and fixtures, pumps, valves, controls, and other fittings; cutting and threading pipes; repairing and replacing sewer, water, and gas lines, and monitoring and troubleshooting major plumbing breakdowns, in accordance with pertinent state and local codes.

**TYPICAL CLASS ESSENTIAL DUTIES:** (These duties are a representative sample; position assignments may vary.)

**FRE-  
QUENCY**

1.	Installs, maintains, and repairs residential and commercial plumbing, steam and hot water systems complete with all fixtures, hot and cold waterlines, and waste, vent, and sewer lines.	Daily 20%
2.	Operates pipe cutters, reamers, threading machines, sewer machines, and other plumbing tools and equipment.	Daily 20%
3.	Installs, connects, and tests plumbing fixtures such as urinals, water closets, wash basins, sinks, and drinking fountains, compressed air fixtures, and such gas fired equipment as heat furnaces, boilers, and processing tanks.	Daily 15%
4.	Cleans obstructions from drains in water and sewer systems.	Daily 10%
5.	Prepares and maintains record of work performed and materials used; prepares related reports; completes work orders and requisition forms.	Daily 10%
6.	Repairs fire sprinkler systems, piping for swimming pools, wading pools, pumps, filters, and related equipment.	Weekly 15%
7.	Installs, maintains, and repairs underground irrigation systems, including circulating pumps.	Weekly 10%
8.	Performs other related duties of a similar nature or level.	As Required

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#### **Training and Experience** (positions in this class typically require):

- High School diploma or GED;
- OR
- Four years full-time paid work experience equivalent to journey level plumber;
- OR
- An equivalent combination of education and experience sufficient to successfully perform the essential duties of the job such as those listed above. Successful completion of a recognized, accredited plumber's apprenticeship program may be substituted for the required experience on a year-for-year basis.

#### **Licensing Requirements** (positions in this class typically require):

- Basic Class C License

#### **Knowledge** (position requirements at entry):

Knowledge of:

- Applicable tools and equipment utilized in assigned area or responsibility;
- Plumbing and pipe fitting techniques, practices and procedures;
- Plumbing system characteristics;
- Local plumbing codes;
- ADA plumbing requirements;
- Safe work practices and procedures.

#### **Skills** (position requirements at entry):

Skill in:

- Installing plumbing systems and fixtures
- Estimating time, materials, tools, and equipment requirements for jobs
- Preparing, analyzing, and maintaining operational records
- Using computers and applicable software applications
- Reading and interpreting blueprints, schematics, and other technical drawings related to job duties
- Safely operating and maintaining applicable tools and equipment
- Repairing and replacing sewer, water, and gas lines
- Communication, interpersonal skills as applied to interaction with coworkers, supervisor, the general public, business, organizations, elected and appointed officials, media, etc. sufficient to exchange or convey information, give/receive work direction

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#### **Physical Requirements:**

Positions in this class typically require: feeling, finger dexterity, grasping, hearing, repetitive motions, seeing, talking, bending, kneeling, lifting, reaching, standing, stooping, walking, balancing, climbing, crawling, and crouching.

Very Heavy Work: Exerting up to 100 pounds of force occasionally, and/or in excess of 50 pounds of force frequently, and/or in excess of 20 pounds of force constantly to move objects.

Incumbents may be subjected to moving mechanical parts, electrical hazards, vibrations, fumes, odors, dusts, poor ventilation, adverse weather conditions, environmental hazards, gasses, chemicals, oils, work space restrictions, inadequate lighting, and intense noises.

#### **Note:**

The above job specification is intended to represent only the key areas of responsibilities; specific position assignments will vary depending on the business needs of the department.

#### **Classification History:**

Draft prepared by Fox Lawson & Associates (LM)

Date: 11/2007

Reviewed by the City of Fresno

Date: 5/2008